

FORM 1019 P E INFORMATION DISCLOSURE STATEMENT JUN 19 2002 IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.892USWO	Application Number: 10/088,066
	Applicant: TAKAMINE et al.	
	Filing Date: March 7, 2002	Group Art Unit: unlabeled 2852

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FSB	6,065,830	May 2000	Hiramatsu et al.	342	104	
FSB	5,096,180	Mar. 1992	Nagaoka et al.	221	110	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
FSB	5-22584 A	Jan. 1993	Japan			Abstract	
FSB	5-77533	Mar. 1993	Japan			Abstract	
FSB	6-8537 A	Jan. 1994	Japan			Abstract	
FSB	9-286152 A	Nov. 1997	Japan			Abstract	
FSB	9-50171 A	Feb. 1997	Japan			Abstract	
FSB	9-81344 A	Mar. 1997	Japan			Abstract	
FSB	11-3190 A	Jan. 1999	Japan			Abstract	
FSB	11-34438 A	Feb. 1999	Japan			Abstract	
FSB	2000-13718 A	Jan. 2000	Japan			Abstract	
FSB	2000-194520 A	July 2000	Japan			Abstract	
FSB	2000-214732 A	Aug. 2000	Japan			Abstract	
FSB	2000-62254 A	Feb. 2000	Japan			Abstract	
FSB	2001-184184 A	July 2001	Japan			Abstract	
FSB	2001-218030 A	Aug. 2001	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER <i>Fred S. Braun</i>	DATE CONSIDERED <i>September 29, 2002</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation and not considered. Include copy of this form for next communication to the Applicant.	

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